

The Application of Autoradiography to the  
Investigation of Cathodic Metal Deposits,  
by S. N. Kochargin, G. R. Pobedimskiy,  
A. V. Lekont'yev, 4 pp.

RUSSIAN, par, Zhur Fiz Khim, Vol XXXIX, No 4,  
1958, pp 930-931.

CEA R-153 L Rev TW  
SLA 60-18123

Sci

1958, 931

Vol 4, No 10

Sci

Simultaneous Polarographic Determination of  
Oxygen and Hydrogen Peroxide During the Progress  
of Their Formation Under the Action of Radiation,  
by V. Medvedovskii.

RUSSIAN, per, Zhurnal Fizicheskoi Khimii, Vol 32,  
1958, pp 932-934.

NTC-71-12489-07E

Nov 71

15 433

GF-4

DAVTYAN O. K.

Development of a new method of discovering leaks (outflows)  
in vacuum systems and high-pressure equipment

Ausarbeitung einer neuen Methode zur Entdeckung von Undichtigkeiten  
(Ausflüssen) in Vakuumsystemen und in Hochdruckapparaturen

Zhur. Fiz. Khim., 32, 935-936 (1958)

German

E u r a t o m

Photoreduction Mechanism of Chlorophyll and Its  
Sensitizing Effect, by V. B. Yevstigneyev, 15 p.

RUSSIAN, per, Zhur Fiz Khim, 1958, Vol XXXII,  
No 5, pp 969-980.

SLA 59-17412

Sci  
Feb 60  
Vol 2, No 9

107058

An Optical Investigation of the Molecular Structure of Derivatives of Sym-Triazine. II. The Ultraviolet Absorption Spectra, Molecular Structure, and Analysis of Ameline and Amelide, by N. I. Malkina, A. I. Finkel'shtain,

RUSSIAN, per, Znar Pis Khim, Vol XXXII, No 5, 1958, pp 981-985.

Assoc Tech Serv RJ-1434

Sci - Chem  
Apr 59

85-313

|   |   |  |
|---|---|--|
| <p>Polukarov, Yu. M.<br/>INVESTIGATION OF THE STRUCTURE AND MAGNETIC CHARACTERISTICS OF ELECTRODEPOSITED FERROMAGNETIC METALS AND ALLOYS. I.<br/>NICKEL. [1960] 10p. 27 refs.<br/>Order from LC or SLA m\$2.40 ph\$3.30 61-10122<br/><br/>Transl. of Zhurnal Pizicheskoy Khimii (USSR) 1958,<br/>v. 32, no. 3, p. 1008-1015.<br/>Other translations are available from ATS \$10.65 as<br/>ATS-14M142R [1960] 9p. and from LC or SLA m\$2.40,<br/>ph\$3.30 as 59-17256 [1959] 13p.<br/><br/>Experiments are described which showed that, due to the increase in stresses and strains of expansion in coatings, the coercive force of electrolytic nickel deposits increases when the pH of the electrolyte is increased. Under conditions where the pH considerably exceeds the value corresponding to the limit of the formation of the hydrate in the solution, a change is possible in the character of crystallization of the (Chemistry-Physical, TT, v. 3, no. 4) (over)</p> | <p>61-10122<br/>1. Nickel--Electrodeposition<br/>2. Nickel--Magnetic properties<br/>I. Polukarov, Yu. M<br/>II. Title Nickel<br/><br/>143/222<br/><br/>NLL May 26<br/>ATS-14M142R<br/>ATO-RU-2604<br/><br/>Office of Technical Services</p> |  |
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Oxidation of Ethylene to Ethylene Oxide on a  
Silver Catalyst, by A. I. Kurilenko, et al.

RUSSIAN, per, Zhur Fiz Khim, Vol XXII, No 5,  
1958, pp 1043-1048.

AT&T RJ-1614

Sci - Chem  
Jul 59

90, 443

Effect of the Nature of the Gas Medium on the  
Mechanical Destruction of Polymers, by N. K.  
Baranovskii.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 5,  
1958, pp 1049-1054.

ATS RJ-1853  
SLA 59-20290

Sci - Chem

Jan 60

105,061

Heats of Atomic and Molecular Chemisorption of  
Hydrogen on Nickel, Iron, Chromium and Platinum,  
by N. M. Kavtaradze,

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 5, 1958,  
pp 1055-1058.

AT&T RJ-2170

Sci - Chem

May 60

115 446

A Spectroscopic Study of the Turbulent Flame by  
V. Ya. Maserich, 5 pp.

RUSSIAN, per, Zhurnal Fiz Khim., Vol XXXIII, May  
1959, pp 1077-1080.

8

ACSI R-2479 A

Sci - Physics

May 60

115619

A Method for Confirming and Predicting Data  
Concerning Phase Equilibria in Multicomponent  
Systems, by V. B. Kogan, 11 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 5,  
1958, pp 1095-1102.

SLA 60-17730

Sci

OTS 60-17730 129,402

OTS, Vol IV, No 3

Sep 60

Influence of the Electrophysical Properties  
of Germanium on Its Anodic Dissolution  
Process, by E. A. Efimov, I. G. Brusalin-  
chuk, 8 pp.

RUSSIAN, per, Zhur Fiz Khim, 1958, Vol XXXII,  
No 5, pp 1103-1106.

SLA 59-14306

OTS

Sci - Phys  
OTS I, 12  
Jul 59

92, 336

An Investigation into the Critical Conditions of Gaseous Oxone Ignition, by S. A. Kamenetskaya, S. Ya. Pschenchitskii, 11 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, May 1958,  
pp 1122-1130.

ACSI B-2479 C

Sci - Chem

May 60

115,620

A Method for Determining the Total and Partial Saturated Vapor Pressures of Liquid Binary Mixtures Over the Range 0.1 -10 mm Hg, by S. I. Sklyarenko.  
Yu. U. Sosson, 9 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, 1958,  
pp 1149-1152.

ABC 3411

Sci - Phys

Dec 58

78,268

A Method for Cryoscopic Measurements, by T. N.  
Sumanrokova, G. I. Arsenov.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 5,  
1958, pp 1153-1154.

AT&T RJ-1680

Sci - Chem

Jul 59

90,834

(3237-II)

Method of Measuring the Size of Monodispersed Particles With a Radius of 0.1-0.5 Microns,  
by Ye. N. Gladkova, G. I. Matanov, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 5, 1958,  
pp 1160-1168.

JPRS L-648-~~ENY~~

Sci - Chem  
Mar 59

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Linear Conformities Between Different  
Physicochemical Properties of Hydrocarbons,  
by V. M. Tatevskii,

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 5,  
pp 1168-1170, 1958,

C.S.I.R.O.

Sci - Chem

May 60

116,409

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000300910046-5

Thermodynamic Decomposition of Glycoldinitrite, by  
B. N. Kondrikov, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, 1958,  
pp 1175-1176. 9097029

AEC UCRL Tr-525(L)

Sci - Phys, Chem  
Apr 62

189, 959

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000300910046-5

(NY 5023)

Analytical Solution of the Problem of Thermal  
Explosion for the Cylindrical Case, by  
D. A. Frank-Kamenetskii, 6 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 5,  
1958, pp 1182, 1183.

JPRS 5869

Sci - Phys

Oct 60

129,603

K. V. Chmutov, Resolution of the All-Union  
Conference on Chromatography, Moscow, 3-6 Feb 58,  
Zhurnal Fizicheskoy Khimii, Vol 32, No 5, May 58,  
pp 1184-1185.

SIR No 13 (3)

X-Ray Structural Investigation of Galvanic  
Nickel-Iron Alloys, by N. S. Fedorova,  
6 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII,  
No 6, 1958, pp 1211-1213.

SLA 60-17789

Sci  
Vol IV, No 5  
Mar 62

The Hydrogen Adsorption Properties of Metals as a Function of Their Position in the Mendeleev Periodic System of Elements, by N. E. Kostyukina, 8 pp.

RUSSIAN, per, Zbir Fiz Nauk, Vol XXXII, 1958,  
pp 1214-1217.

AEC/SCL-T-234

Sci - Phys

May 59

Transliterated and filed  
(C.S.I.R.C.)

86,973

A Method For the Quantitative Determination of  
Cyclohexanone and Cyclohexanol in the Oxidation  
Products of Cyclohexane by Infrared Absorption  
Spectra, by I. V. Beresin.

RUSSIAN, per, Zh Fiz Khim, Vol 32, No 6,  
1958, pp 1218-1225.

ATS-4751

Sci  
Dec 68

368,687

The Isopiestic Method for Determining the Mean Molecular Weight, by S. A. Pavlova, I. I. Tverdokhlebova.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 6, 1958, pp 1313-1318.

NLL N. 2612  
SLA 61-3277  
173, 877

Sci - Chem  
Nov 61

Studies of the Cathodic Process During  
Electrolysis of the Pure Molten Chlorides of  
Calcium, Sodium and Potassium, by L. Suskii, 28 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, 1958,  
pp 1393-1403. <sup>765</sup>  
<sub>7</sub>

AEC Tr 3667

Sci - Chem

Jun 59

90,070

Methods and Equipment for Physical-Chemical Research, Porometer for Low Pressure (Low Pressure Porometer), by M. M. Dubinin,

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 6,  
pp 1404-1406, 1958

O.S.I.R.O.

Sci - Chem

May 60

116,408

The Determination of Diffusion Coefficients in  
Fused Oxides, by Yu. P. Nikitin, et al.

RUSSIAN, per, Zbir Fiz Khim, Vol XXXII, No 6,  
1958, p 1420.

ATS RJ-2049

Sci - Chem  
Dec 59

104,056

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000300910046-5

Investigation of the Kinetics of Ozone Cracking of  
Vulcanised Rubbers, by Yu. S. Zuyev, S. I. Pravodnikova.

RUSSIAN, per, Zhur Fiz Khim, Vol XXII, No 7, 1958,  
pp 1457-1464.

CSIRO

Sci - Chem

Jun 60

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APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000300910046-5

Solubility of Gases in Cyclohexane, by D. S.  
Tsiklis, G. M. Svetlova, 12 pp.

RUSSIAN, per, Zhur N Fiz Khim, Vol XXXII, No 7,  
1958, pp 1476-1480.

SIA 59-10410

Sci - Med  
Vol 2, 1958

97, 292

Electrochemical Reaction Mechanism on the Mercury  
Cathode in Uranium Salt Solutions, by G. S. Tyurikov,  
et al.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII, 1953,  
pp 1490-1498.

\*AEC

Sci - [Phys, Chem]  
Jul 62

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000300910046-5

Isotopic Oxygen Exchange in Acid and Salt Solutions and  
Its Mechanism, by A. I. Bordiky, N. A. Vysotskaya.  
RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 7, 1958,  
pp 1531-1531.

Dept of Navy Tr 4300/APL T-1469

Sci - Chem  
Nov 68

292,742

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000300910046-5

On the Light Scattering Method of Investigating the Polydispersity of Polymers, by B. E. Eskin, M. G. Chizova, 7 pp.

RUBETRAN, per, Khar'kiv Khim., Vol. XXXII, 1958, pp 1530-1535.

AEC Tr 3601.

Sci - Phys

Apr 59

85,742

Kontetskiy, Ya. and Levich, V. G.  
THE APPLICATION OF THE ROTATING DISK ELECTRODE TO THE STUDY OF KINETIC AND CATALYTIC PROCESSES IN ELECTROCHEMISTRY. [1956].  
21p. \$1.00.  
Order from LC or SLA mif\$2.70, ph\$4.80 60-18784

Trans. of *Zhurnal Fizicheskoy Khimii* (USSR) 1956,  
v. 32, no. 7, p. 1563-1575.

The disk electrode has more merits than the dropping mercury electrode as an instrument for studying electrode reactions complicated by volume reactions. The limiting diffusion currents on the surface of a disk electrode have been calculated for typical cases of kinetic and catalytic processes. On these examples a general procedure has been demonstrated for calculating such reactions. (Author)

(Chemistry--Physical, TT, v. 5, no. 2)

60-18784

1. Electrochemistry--Instrumentation
2. Electrodes--Applications
3. Title: Rotating disk
4. Kontetskiy, Ya.
5. Levich, V. G.

1967 7/13

Office of Technical Services

14 329

Fr-2

ZUBOVA E. V., KARATAEVA L. A.

Chemical transformations in the solid state at pressures of  
50,000 kg/cm<sup>2</sup> and a shearing stress

Transformations chimiques se produisant en phase solide sous  
l'action simultanée d'une pression de 50.000 kg/cm<sup>2</sup> et d'un  
cisaillage

Zhur. Fiz. Khim., 32, No. 7, 1576-1579 (1958)

F/R-580 - French

Abs.: NSA, 13, No. 1, ref. 102 (1959) - English

E u r a t o m

A Study of the Thermodynamic Properties of Binary  
Iron-Manganese System in the Solid State, by  
A. P. Lyubimov, A. A. Granovskaya, L. Ye.  
Berenshteyn, 10 p.

RUSSIAN, per, Zhur Fiz Khimii, 1958, Vol XXXII,  
No 7, pp 1591-1596.

SLA 60-10369

Sci.  
Apr 60  
Vol III, No 3

112,042

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000300910046-5

Certain Laws of Photochemical Ozone Decomposition  
in the Liquid Phase, by A. V. Pankratov,  
S. Ya. Pshozhetovskiy.

RUSSIAN, per, Zhur Fizicheskoy Khimii,  
Vol XXXII, No 7, 1958, pp 1605-1611.  
\*NASA TT F-10, 388

Sci-Phys  
Nov 66

APPROVED FOR RELEASE: 09/14/ 2001

CIA-RDP84-00581R000300910046-5

Makarov, L. L., Evstrop'ev, K. K., and  
Vlasov, Yu. G.

THE OSMOTIC AND ACTIVITY COEFFICIENTS OF  
RbCl, CsCl AND KI IN HIGHLY CONCENTRATED  
AQUEOUS SOLUTIONS (Osmoticheskie Koefitsienty i  
Koeffitsinty Aktivnosti RbCl, CsCl i KI v Vodnykh  
Rastvorakh pri Vysokikh Koncentratsiyakh) tr. by  
Ivan Mittin. 1962 [10p. 5 refs.]

Order from OTS, SLA, or ETC \$1.10 TT-63-19591

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1958,  
v. 32, no. 7, p. 1618-1621. (Abstract available)

DESCRIPTORS: \*Electroosmosis, Osmosis, \*Elec-  
trolytes, \*Chlorides, \*Rubidium compounds,  
\*Cesium compounds, \*Potassium compounds, Thermo-  
dynamics, Solubility, Solutions, Equations,

(Chemistry-Physical, TT, v. 11, no. 2) (over)

TT-63-19591

I. Makarov, L. L.  
II. Evstrop'ev, K. K.  
III. Vlasov, Yu. G.  
IV. Geological Survey,  
Denver, Colo.

Office of Technical Services

Effect of Surface-Active Substances on the Diffusion  
Rate of Electrolytic Hydrogen Through Iron, by  
A. I. Oshe, 12 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 7, 1958,  
pp 1622-1631. 9095541

AEC Tr-4856

Sci - Phys, Chem  
Mar 62

186,496

Phase and Volume Relationships in Liquid-Gas Systems  
at High Pressures. Part 6. The Cyclohexane-Hydrogen  
System, by I. R. Krichevskiy,  
RUSSIAN, per, Zh Fiz Khim., Vol 32, No 9, 1958,  
pp 2080-2086.  
ATS-RJ-5837

Apr 72

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| <p>Dobychin, D. P.<br/>THE DIFFUSION OF WATER VAPOR AND THE<br/>FLOW OF AIR THROUGH POROUS GLASS<br/>(Diffuziya Vodyanikh Parov I Techeniye Vozdukha v<br/>Poristom Stekle). [1963] [12p] (foreign text included)<br/>9refs<br/>Order from OTS, SLA, or ETC \$1.60 TT-64-10573<br/><br/>Trans. of #Zhurnal Prikladnoi Khimii (USSR) 1959,<br/>v. 32, no. 10, p. 2336-2339.<br/>A trans. is available in French from OTS or SLA<br/>\$1.10 as TT-62-25075, CEA-tr-R '581, 24 Mar 62[9p].<br/><br/>DESCRIPTORS: *Porous materials, *Glass, Water<br/>vapor, Diffusion, *Gas flow, Sorption, Catalysis.</p> | <p>TT-64-10573<br/>1. Dobychin, D. P.</p> |
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(Chemistry--Physical, TT, v. 11, no. 5)

Office of Technical Services

Kinetics and Mechanism of Hydrocarbon Decomposition. XIII. Kinetics of the Propylene Inhibited Cracking of Butane, by A. D. Stepankovich, B. I. Birger, et al.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 1, 1959,  
pp 8-14.

NRCC TR-688

Sci - Chemistry  
Jan 61

136, 396

On Liquid Diffusion Electrodes. The Initial  
Slope of Polarization Curves, by I. A.  
Zaydenman, R. M. Perakaya, 9 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII,  
No 1, 1959, pp 50-57.

Sci - Phys

Jun 60

RUSSIAN & FRENCH  
OTS TT-62-28801

ACSI H-6379  
SLA TT-62-165940160-21777  
918, 687

S-322/60

(NY-3919)

Studies of the Thermodynamic Properties of  
Compounds by the Method of Explosion in a  
Spherical Bomb, by V. A. Medvedev, et al., 1<sup>st</sup> pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 1,  
1959, pp 58-64.

JPRS 5039

Sci - Chem

Aug 60

121,628

Skryabin, A. K.  
THE PROCESS OF EXTRACTION. [1960] 8p. 1 ref.  
Order from RIS \$9.00 RIS U-126

Trans. of Zhurnal Fizicheskoy Khimii (USSR) 1959,  
v. 33, no. 1, p. 74-77.

143,074

61-12052

- I. Solvent extraction--  
Mathematical analysis
- II. Skryabin, A. K.
- III. Research Information  
Service, New York

Office of Technical Services

(Chemistry--Physical, TT, v. 5, no. 1)

The Crystalline State of Polymers. I. The Crystallization of Polymers in the Process of Polymerization,  
by B. D. Chegodayev,

RUSSIAN, par, Zhur Fiz Khim, Vol XXXIII, No 1, 1959,  
pp 96-99.

ATS RJ-2119

Sci - Chem

May 60

115,406

Tedoradze, G. A.  
KINETICS OF THE OXIDATION OF CHLORIDE IONS  
ON PLATINUM (Kinetika Oksidatsii Ionov Khlorov na  
Platine). Apr 61 [16]p. 20 refs. RTS 1795.  
Order from OTS or SLA \$1.60 61-19693

Trans. of Zhurnal Fizicheskoy Khimii (USSR) 1959,  
v. 33, no. 1, p. 129-136.

DESCRIPTORS: \*Chlorides, \*Ions, \*Platinum, \*Oxida-  
tion; Chemical reactions, Anodes (Electrolytic cell),  
\*Electrolysis, Electrochemistry.

(Chemistry--Physical, TT, v. 6, no. 1)

61-19693

- I. Tedoradze, G. A.  
II. RTS-1795  
III. Department of Scientific  
and Industrial Research  
(Gr. Brit.)

16181.

Office of Technical Services

Delimarskii, Yu.K., and Gorodyskii, A.V.  
AU SUJET DE LA TENSION DE DÉCOMPOSITION DES  
ELECTROLYTES (Decomposition Potentials of  
Electrolytes), 10p., 12refs., CNRS-VIII 512,  
Order from OTS, ETC or CNRS 50, 80 TT-62-26743

Trans. in French of Zhurnal Fizicheskoi Khimii ...  
USSR, 1959, v.33, no.1, p.137-140.

DESCRIPTORS: \*Electrolytes, \*Electric potential,  
Decomposition, Electric currents,

TT-62-26748

I. Delimarskii, Yu.K.  
II. Gorodyskii, A.V.  
III. CNRS-VIII 512  
IV. Centre National de la Recherche Scientifique, Paris

(Chemistry--Physical, TT, v. II, no. 7)

Office of Technical Services  
European Translations Centre

Statistics of Adsorbed Particles in the  
Electronic Theory of Chemisorption, by Sh.  
M. Kogan,

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, 1959,  
pp 156-160.

ABC Tr-4298  
ATS/RJ-3028

Sci - Phys  
24 Feb 61

141,070

Oscillographic Investigations of the Kinetics  
of the Electrode Processes on Metallic  
Electrodes, by V. J. Kravtsov, 18 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII,  
No 1, 1959, pp 165-173.

OPS 60-16595

Sci  
Mar 62  
Vol 4, No 4

187, 259

Influence of Boron Fluoride on the Catalytic Activity of Aluminium Oxide and Alumosilicates, by T. V. Antipina, E. N. Avdonyna,

RUESSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 1,  
pp 192-196. 1959

C.S.I.R.O.

Sci

My 60

116, 095

The Influence of Surface Active Substances on the  
Motion of Gas Bubbles in Hydrocarbon Liquids, by  
A. Yu. Koshevnik, et al.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 1, 1959,  
pp 197-203.

ATS RJ-1964

Sci - Chem

105 757

Jan 60

Ushakova, G. S. and Eremin, E. N.  
FORMATION D'OZONE A PARTIR DES PRODUITS  
DE LA DISSOCIATION DU CO<sub>2</sub> DANS LA DECHARGE  
OBSCURE [Obrazovente Ozona iz Produktov Dissociatsionnoi CO<sub>2</sub> v Tleveishchem Razrynde] (Formation of  
Ozone Starting with Dissociation Products of CO<sub>2</sub> in  
the Dark Discharge) tr. by Kefel. 23 Feb 60 (f. sp.  
1 ref. CEA Trans. no. R 832 (text in French).  
Order from OTS or SLA \$1.10 61-23794

Trans. in French of Zhurnal Pizicheskoi Khim[II]  
(USSR) 1959, v. 33, no. 1, p. 233.

DESCRIPTORS: "Ozone, "Glow discharge, "Carbon  
dioxide, "Dissociation.

A discharge tube of the type Vud, with aluminum electrodes, was used and the reaction products were frozen. A 250-ma current and a 2.4- to 2.5-kv potential were used. In order to reduce the dissociation (Chemistry--Physical, TT, v. 6, no. 6) (over)

61-23794

I. Ushakova, G. S.  
II. Eremin, E. N.  
III. CEA-tr-R832  
IV. Commissariat à l'Energie  
Atomique (France)

176691

Office of Technical Services

The Porous Structure and Specific Surface Area  
of Ni<sub>x</sub>-Al<sub>2</sub>O<sub>3</sub> Catalysts and the Variation of These  
Properties With Changes in Composition and Thermal  
Treatment, by A. M. Rubinshteyn, et al.

RUSSIAN, per, Zhur Fiz-Khim, Vol. XXIII, No 2,  
1959, pp 310-317.

DSIR LLU M.1405  
(loan)  
SLA 60-230433  
128,765-

Sci - Chem

Oct 60

An Investigation Into the Thermodynamics of  
Solid Solution of Gold, Silver and Copper,  
by A. N. Nesmoyanov,  
RUSSIAN, per, Zhurnal Fizicheskoi Khimii,  
Vol XXXIII, No 2, 1959, pp 342-348.  
\*CFSTI TT 67-51425

Sci-Phys  
Jun 67

The Role of Catalyzing Additions in the Processes  
for the Production of Fatty Acids and Alcohols  
by Direct Oxidation of Paraffinic Hydrocarbons,  
by Ya. B. Chertkov.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 2,  
1959, pp 363-369.

ATS RJ-1916

Sci :: Chem  
Dec 59

104092

Kinetics of Anode Processes. Part 2. Anodic  
Polarization of a Smooth Platinum Electrode in  
Solutions of Perchloric Acid, by I. I. Appenin.

RUSSIAN, per, Zhur Fiz Khim, No 2, 1959,  
pp 367-373.

NLL RTS 1796

Sci - Chem

177,582

Dec 61

Mechanism of Metal Corrosion in Narrow Slits and  
Grooves, by I. L. Rozenfeld, I. K. Marshakov,  
8 pp. USSR *field*

Russian, per, Zhur Fiz Khim, No 2, 1959, pp 411-415.  
9660725

ATTIC MCL-248/III

Sci - Chem

Apr 61.

149698

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